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INDEX TO AMERICAN BOTANICAL LITERATURE

(1909-1911)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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[Alcocer, G.] Candelilla. *Euphorbia cerifera*, Alcocer. An. Inst. Med. Nac. 11: 155-162. 1911. [Illust.]

Andrews, F. M. Conjugation of two different species of *Spirogyra*. Bull. Torrey Club 38: 299. 6 Jl 1911. [Illust.]

Bailey, W. W. Daisies. Am. Bot. 17: 38-40. My 1911.

Bartlett, H. H. *Euphorbia arundelana*, an ally of *Euphorbia Ipecacuanhae*. Rhodora 13: 163-165. f. 1, 2. 21 Jl 1911.

Beal, A. C. Evolution and pollination of the sweet pea. Florists' Exchange 32: 140, 141. 22 Jl 1911.

Beckwith, F., Macauley, M. E., & Baxter, M. S. Plants of Monroe County, New York, and adjacent territory. Supplementary list. Proc. Rochester Acad. Sci. 5: 1-38. My 1910.

Blanchard, W. H. *Lycopodium flabelliforme*. Rhodora 13: 168-171. 21 Jl 1911.

Börjesen, F. Some *Chlorophyceae* from the Danish West Indies. Bot. Tidssk. 31: 127-152. f. 1-13. 1911.

Includes *Caulerpa Vickersii* and *Enteromorpha chaetomorphoides* spp. nov.

Brand, A. Decas specierum novarum *Hydrophyllacearum* in herbario Universitatis Berkeley detecta. Repert. Sp. Nov. 9: 385-389. 10 Je 1911.

- Brandegee, T. S.** *Plantae Mexicanae Purpusianae*, III. Univ. Calif. Publ. Bot. **4**: 177-194. 1 Jl 1911.
Includes descriptions of 42 new species and 1 new genus.
- Britton, N. L.** *Opuntia Tracyi* sp. nov. *Torreyana* **11**: 152. 19 Jl 1911.
- Brown, W. H.** The plant life of Ellis, Great, Little, and Long Lakes in North Carolina. *Contr. U. S. Nat. Herb.* **13**: 323-341. f. 56. 8 Je 1911.
- Bush, B. F.** The Missouri Rhexias. *Rhodora* **13**: 166-168. 21 Jl 1911.
Includes *Rhexia latifolia* sp. nov.
- Christensen, C.** Four new ferns. *Repert. Sp. Nov.* **9**: 370-372. 10 Je 1911.
Includes *Athyrium paucifrons* sp. nov. from Mexico.
- Coker, W. C.** The garden of André Michaux. *Jour. Elisha Mitchell Sci. Soc.* **27**: 65-72. pl. 1, 2. Jl 1911.
- Dachnowski, A.** The vegetation of Cranberry Island (Ohio) and its relations to the substratum, temperature, and evaporation.—I. *Bot. Gaz.* **52**: 1-33. f. 1-7. 17 Jl 1911;—II. *Bot. Gaz.* **52**: 126-150. f. 8. 18 Au 1911.
- Dallimore, W.** Notes on trees suitable for experimental forestry. *Kew Bull. Misc. Inf.* **1911**: 211-223. 11 Je 1911.
- Dobbin, F.** By the river's brim. *Am. Bot.* **17**: 36-38. My 1911.
- Evans, A. W.** *Hepaticae* of Puerto Rico—X. *Cololejeunea*, *Leptocolea*, and *Aphanolejeunea*. *Bull. Torrey Club* **38**: 251-286. pl. 11, 12 + f. 1-3. 6 Jl 1911.
Includes *Aphanolejeunea crenata*, *A. exigua*, and *Leptocolea planifolia* gen. and spp. nov.
- Fernald, M. L.** A botanical expedition to Newfoundland and southern Labrador. *Rhodora* **13**: 109-162. pl. 86-91. 21 Jl 1911.
- Galtés, P.** Memoria sobre unos fosiles vegetales econtrados en el Chorrillo (Puerto Principe). *Rev. Facult. Let. Ci. Univ. Habana* **12**: 189-209. Mr 1911.
- Greene, E. L.** *Antennaria* in the Middle West. *Am. Mid. Nat.* **2**: 73-90. 10 Je 1911.
- Greene, E. L.** Bubani's Flora Pyrenaea. *Am. Mid. Nat.* **2**: 36-54. pl. 2. 15 Mr 1911.
- Greene, E. L.** Some Canadian *Antennarias*—IV. *Ottawa Nat.* **25**: 41-43. 7 Je 1911.
- Hague, S. M.** A morphological study of *Diospyros virginiana*. *Bot. Gaz.* **52**: 34-44. pl. 1-3. 17 Jl 1911.
- Hall, R. C., & Ingall, O. D.** Forest conditions in Illinois. *Bull. Illinois Lab. Nat. Hist.* **9**: 175-253. pl. 21-36 + f. 1. Ja 1911.
Includes a list of 134 trees native to Illinois.

- Harris, J. A.** Further observations on the selective elimination of ovaries in *Staphylea*. Zeits. Induk. Abstammungs- und Vererbungslehre **5**: 173-188. Je 1911.
- Herre, A. W. C. T.** The *Gyrophoraceae* of California. Contr. U. S. Nat. Herb. **13**: 313-321. pl. 68-73. 8 Je 1911.
- Hickel, R.** Graines et plantules des conifères—II. Plantules. Bull. Soc. Dendr. France **20**: 134-204. f. 54-93. 15 My 1911.
- Hollick, A.** A rare and little-known publication. Torreya **11**: 150-152. 19 Jl 1911.
- Howe, R. H.** List of lichens collected in the Yukon region by Mr. R. S. Williams. Bull. Torrey Club **38**: 287-293. 6 Jl 1911.
- Johnston, E. L.** The soap weed. Am. Bot. **17**: 33-36. My 1911. [Illust.]
- Jones, M. E.** Montana botany notes. Bull. Univ. Montana **61**: 1-75. pl. 1-5. Mr 1910. [Illust.]
Includes new species in *Glyceria* (1), *Sedum* (1), *Hypericum* (1), *Cogswellia* (1), *Cymopterus* (1), *Sambucus* (1), *Hypnum* (1), *Cylindrosporium* (1), *Roestelia* (1), *Septoria* (1), and *Carex* (2).
- Lloyd, C. G.** Mycological notes 36: 477-492. Au 1910. [Illust.]
- Lloyd, C. G.** Mycological notes 37: 493-508. Ap 1911. [Illust.]
- Loeb, J.** The significance of tropisms for psychology. Pop. Sci. Mo. **79**: 105-125. Au 1911.
A translation by G. B. Watkinson of a lecture published in 1909, Leipzig.
- Loesener, T.** Mexikanische und zentralamerikanische Novitäten—III. Repert. Sp. Nov. **9**: 355-367. 10 Je 1911.
Includes *Condalia Seleri*, *Fouquiera Jaboncillo*, *Strychnos longissima*, *Buddleia ligustrina*, *B. monticola*, and *Lippia yucatana* spp. nov.
- Lunell, J.** Early spring plants of central North Dakota. Am. Mid. Nat. **1**: 197-199. 15 Je 1910.
- Lunell, J.** New plants from North Dakota. Am. Mid. Nat. **1**: 204-208. 15 Je 1910; II. Am. Mid. Nat. **1**: 233-238. 15 O 1910.; III. Am. Mid. Nat. **2**: 57-60. 15 My 1911; IV. Am. Mid. Nat. **2**: 90-94. 10 Je 1911.
Includes descriptions of 10 new species and 6 new varieties.
- Meyer, R.** Über *Echinocactus myriostigma* S.-D. und *Echinocactus asterias* Zucc. Monats. Kakteenk. **21**: 89-91. 15 Je 1911.
- Morris, E. L.** Herbarium suggestions. Torreya **11**: 145-149. f. 1-3. 19 Jl 1911.
- Nash, G. V.** Transforming a swamp. Gard. Chron. Am. **13**: 73-76. Jl 1911. [Illust.]
- Nieuwland, J. A.** *Dryopteris* a synonym. Am. Mid. Nat. **1**: 224-226. pl. 16, 17. 15 Je 1910.

- Nieuwland, J. A.** The name of our American wax bayberries. *Am. Mid. Nat.* **1**: 238-243. 15 O 1910.
- Nieuwland, J. A.** Notes on priority of plant names. *Am. Mid. Nat.* **1**: 221-224. 15 Je 1910.
- Nieuwland, J. A.** Notes on the seedlings of bloodroot. *Am. Mid. Nat.* **1**: 199-203. *pl.* 15. 15 Je 1910.
- Nieuwland, J. A.** Our amphibious *Persicarias*. *Am. Mid. Nat.* **2**: 1-24. 15 Ja 1911.
- Nieuwland, J. A.** *Pteridium*, J. Agardh, a homonym. *Am. Mid. Nat.* **1**: 243, 244. 15 O 1910.
- Nieuwland, J. A.** The type of the genus *Panicum*. *Am. Mid. Nat.* **2**: 60-65. 15 My 1911.
- Olsson-Seffer, P.** Genesis and development of sand formations on marine coasts. *Augustana Lib. Publ.* **7**: 9-41. 1910.
- Olsson-Seffer, P.** The sand strand flora of marine coasts. *Augustana Lib. Publ.* **7**: 43-183. *f.* 1-16. 1910.
- Painter, J. H.** A revision of the subgenus *Cyclobothra* of the genus *Calochortus*. *Contr. U. S. Nat. Herb.* **13**: 343-357. 8 Je 1911.
Includes *Calochortus exilis* and *C. cernuus* spp. nov.
- Purpus, A.** Standorte und Standortsverhältnisse einiger Kakteen. *Monats. Kakteenk.* **21**: 71-73. 15 My 1911; **21**: 82-86. 15 Je 1911.
- Quehl, L.** Bemerkungen über einige Arten von Mamillarien aus der Untergattung *Coryphantha* Engelm., Reihe *Aulacothelae* Lcm. *Monats. Kakteenk.* **21**: 81, 82. 15 Je 1911.
- Radlkofer, L.** *Meliaceae* nova surinamensis. *Repert. Sp. Nov.* **9**: 372, 373. 10 Je 1911.
Trichilia stelligera sp. nov. described.
- Radlkofer, L.** *Sapindaceae* novae surinamenses. *Repert. Sp. Nov.* **9**: 374-377. 10 Je 1911.
Includes 5 new species in *Paullinia* (2), *Talisia* (2), and *Pseudima* (1).
- Reynolds, E. S.** Additional note on *Cypripedium acaule*. *Am. Mid. Nat.* **2**: 94, 95. 10 Je 1911.
- Robinson, B. L.** On some hitherto undescribed or misplaced *Compositae*. *Proc. Am. Acad. Arts & Sci.* **47**: 206-216. Jl 1911.
Includes new species in *Monactis* (1), *Montanoa* (1), *Perymenium* (1), *Verbesina* (5), and *Calyptocarpus* (1).
- Robinson, B. L.** On the classification of certain *Eupatorieae*. *Proc. Am. Acad. Arts & Sci.* **47**: 191-202. Jl 1911.
Includes new species in *Ageratum* (3), *Eupatorium* (3), *Mikania* (3), *Kanimia* (2), *Brickellia* (1), and *Kuhnia* (1).
- Robinson, B. L.** Revision of the genus *Barroetia*. *Proc. Am. Acad. Arts & Sci.* **47**: 202-206. Jl 1911.

- Rose, J. N.** Studies of Mexican and Central American plants—no. 7. Contr. U. S. Nat. Herb. **13**: 291-312 + ix, x. *pl.* 46-67. 11 Ap 1911.
2 new genera and 42 new species described and illustrated.
- Rosenstock, E.** *Filices novae* a cl. Dr. O. Buchtien in Bolivia collectae. Repert. Sp. Nov. **9**: 342-344. 10 Je 1911.
Includes *Polypodium truncatulum* and *P. Balliviani* spp. nov.
- Safford, W. E.** Edward Palmer. Bot. Gaz. **52**: 61-63. 17 Jl 1911. [Illust.]
- Sanders, A. L.** A striking color form of *Viola pedata*. Rhodora **13**: 172. 21 Jl 1911.
- Shirling, A. E.** Proliferation in a peach blossom. Am. Bot. **17**: 40, 41. My 1911. [Illust.]
- Smith, J. D.** Undescribed plants from Guatemala and other Central American republics. Bot. Gaz. **52**: 45-53. 17 Jl 1911.
Includes new species in *Thouinia* (1), *Calopogonium* (1), *Hauya* (5), *Sicydium* (1), *Geophila* (1), *Tabernaemontana* (1), *Lisianthus* (2), *Solanum* (1), *Alloplectus* (1), and *Besleria* (1).
- Standley, P. C.** The *Allioniaceae* of Mexico and Central America. Contr. U. S. Nat. Herb. **13**: 377-430 + vii-ix. *pl.* 74-77. 12 Jl 1911.
Includes 19 new species in *Neea* (4), *Torrubia* (1), *Pisonia* (3), *Pisoniella* (1), *Salpianthus* (2), *Okenia* (2), *Allionia* (7), *Hesperonia* (1), and *Boerhaavia* (4), and the new genus *Pisoniella*.
- Standley, P. C., & Goldman, E. A.** Two new shrubs from Lower California. Contr. U. S. Nat. Herb. **13**: 375. 8 Je 1911.
Includes *Manihot chlorosticta* and *Mesosphaerum insulare* spp. nov.
- Steele, E. S.** New or noteworthy plants from the eastern United States. Contr. U. S. Nat. Herb. **13**: 359-374. 8 Je 1911.
Includes new species in *Clematis* (1), *Arabis* (1), *Oenothera* (1), *Solidago* (3), and *Aster* (2).
- Stevens, F. L.** The diseases of economic plants. Science II. **33**: 993-995. 30 Je 1911.
- Stover, W. G.** Notes on new Ohio agarics—III. Ohio Nat. **11**: 349, 350. My 1911.
- Styan, K. E.** Pollen grains. Am. Bot. **17**: 41-44. My 1911.
Originally published in Selbourne Magazine.
- Sumstine, D. R.** Studies in North American *Hyphomycetes*—I. Mycologia **3**: 45-56. *pl.* 37-39. 18 Mr 1911.
3 new species in *Rhinotrichum* described.
- Thatcher, A. E.** The spring flowering witch hazel. Am. Bot. **17**: 44, 45. My 1911.
- Tidestrom, I.** Notes on *Populus*, Plinius. Am. Mid. Nat. **2**: 29-35. *pl.* 1 + f. 1-4. 15 Mr 1911.

- Transeau, E. N.** Apparatus for the study of comparative transpiration. Bot. Gaz. **52**: 54-60. f. 1-5. 17 Jl 1911.
- V[aupe], F.** Zu unserer Abbildung. Monats. Kakteenk. **21**: 86. 15 Je 1911. [Illust.]
Photograph of *Cereus Weberi* Coult. and *Opuntia streptacantha*.
- Weingart, W.** *Cereus trigonus* var. *guatemalensis* Eichlam. Monats. Kakteenk. **21**: 53, 54. 15 Ap 1911; **21**: 68-70. 15 My 1911.
- Wernham, H. F.** A revision of the genus *Hamelia*. Jour. Bot. **49**: 206-216. Jl 1911.
Includes descriptions of 7 new species.
- Wettstein, R.** Handbuch der systematischen Botanik 1-424. pl. 1 + f. 1-291. Leipzig, 1910; 425-915. f. 292-600. Leipzig, 1911.
Second edition.
- White, E. A.** Second report on the *Hymeniales* of Connecticut. Connecticut Geol. & Nat. Hist. Surv. **15**: 1-70. pl. 1-28. 1910.
- Wiegand, K. M.** Character in winter buds. Bull. Josselyn Bot. Soc. Maine **4**: 6. Ap 1911.
- Williams, E. F.** *Castanea pumila* in eastern Massachusetts. Rhodora **13**: 90. 1 My 1911.
- Wilson, P.** Notes on *Rutaceae*--V. Species characters in *Ptelea* and *Taraxia*. Bull. Torrey Club **38**: 295-297. 6 Jl 1911. [Illust.]
- Winslow, E. J.** *Asplenium acrostichoides* Sw. Am. Fern Jour. **1**: 79-82. 3 My 1911. [Illust.]
- Winslow, E. J.** Interesting plants found in Vermont in 1910. Vermont Bot. Club Bull. **6**: 11-13. Ap 1911.
- Woodburn, W. L.** Spermatogenesis in certain *Hepaticae*. Ann. Bot. **25**: 299-313. pl. 25. Ap 1911.
- Woronichin, N.** *Physalosporina*, eine neue Gattung der Pyrenomyceten. Ann. Myc. **9**: 217-225. Je 1911.
- Wulschleger, W. A.** Dehydrating with alcohol. Bot. Gaz. **52**: 63-66. f. 1-4. 17 Jl 1911.